

WHAT IS CLAIMED IS:

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1. An optical device comprising:
a connector for electrical connection with a
camera;
5 a process circuit; and
an interface circuit to be connected between said
process circuit and said connector;
wherein said interface circuit is so constructed
that the circuit characteristics, interface or signal
10 handling standard is switchable for matching the
process with different cameras.

2. An optical device according to claim 1,
further comprising:

15 designation means for designating arbitrary one
among plural different cameras;

wherein said interface circuit is adapted to
switch at least one of the circuit characteristics,
interface, or signal handling standard according to the
20 designated camera.

3. An optical device according to claim 2:

wherein said interface circuit is adapted to set
the output characteristics for signal output from the
25 optical device to the camera at characteristics
matching the designated camera.

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4. An optical device according to claim 2:
wherein said interface circuit is adapted to
convert a signal transmitted from the camera into a
signal matching the signal handling standard in the
5 optical device.

5. An optical device according to claim 2:
wherein said interface circuit is adapted to
convert a signal to be transmitted from the optical
10 device to the camera into a signal matching the signal
handling standard in the camera.

6. A lens device connectable to different cameras
and adapted to execute signal communication between the
camera and the lens, the device comprising a conversion
15 circuit for converting a signal, transmitted from the
camera, into a signal matching the signal handling
standard in the lens in accordance with the camera.

7. A lens device according to claim 6, further
comprising conversion process designating means for
varying the conversion process in said conversion
20 circuit respectively for the different cameras.

8. A lens device according to claim 6, wherein
said conversion circuit is adapted to execute a
predetermined first conversion process for a first
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13. A lens device according to claim 12, further comprising conversion process designating means for varying the conversion process in said conversion circuit respectively for the different cameras.

15. A lens device according to claim 14, further
20 comprising designation means for designating said
conversion process, according to the camera, to said
conversion circuit.

16. A lens device according to claim 15, wherein
25 said conversion circuit includes a memory circuit for
storing conversion data for data conversion, and is
adapted to effect data conversion with respect to said

reference signal, corresponding to the camera designated by said designation means.

5 17. A lens device connectable to different cameras and adapted to execute signal communication between the camera and the lens, the device comprising a switching circuit for switching, corresponding to different cameras, the output characteristics of an output circuit for transmitting a signal from the lens
10 to the camera through said output circuit so as to match the connected camera.

15 18. A lens device according to claim 17, further comprising designation means for varying the switching process in said switching circuit corresponding to the different cameras.

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